PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO		Complete if Known
INFORMATION DISCLOSURE	Application No.	10/613,116
STATEMENT BY APPLICANT	Filing Date	July 3, 2003
	First Named Inventor	Ambarish Goswami
(JAH 1 8 2005 (C)	Art Unit	3736
	Examiner Name	Charles Alan Marmor II
Sheet of 2	Attorney Docket Number	23085-08025

	U.S. PATENT DOCUMENTS					
		Document No.				
Examiner Initials*	Cite No.1	Number – Kind Code ² (if known)	Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document	
		US-			· · · · · · · · · · · · · · · · · · ·	
		US-				

FOREIGN PATENT DOCUMENTS					
		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	. т
HW	B1	JP 9-237351	09-09-1997	Nippon Telegraph and Telephone Corp.	X
HN	B2	JP 2002-65641	05-03-2002	Kansai Univ.	X
•	-				

		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C1	Notification of Transmittal of the International Search Report and The	
HN		Written Opinion of the International Searching Authority, or the	
1110		Declaration, PCT/JP2004/009879, October 19, 2004.	
4. \	C2	GRIEVE, D.W., Gait Patterns and the Speed of Walking, Bio-Medical	1
HN		Engineering, Vol. 3, No. 3, March 1968, pp. 119-122.	
	C3	HERSHLER, C. et al., Angle-Angle Diagrams in the Assessment of	
HN		Locomotion, American Journal of Physical Medicine, Vol. 59, No. 3,	
11.0		June 1980, pp. 109-125.	
	C4	PIEROTTI, S.E. et al., Are Leg Electromyogram Profiles Symmetrical?,	
HN		Journal of Orthopaedic Research, Vol. 9, No. 5, September 1991, pp.	
,,,		720-729.	
HN	C5	ROBINSON, R. O. et al., Use of Force Platform Variables to Quantify	1

Examiner Signature	Scharyer	Date Considered	11/16/05
-----------------------	----------	--------------------	----------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 6Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form 1449A/PTO	Complete if Known			
INEO	PINATIONECI OSUPE	Application No.	10/613,116		
OTA:	RMATIONSDISCLOSURE	Filing Date	July 3, 2003		
SIA	I RIVIENT BY APPLICANT	First Named Inventor	Ambarish Goswami		
	JAN 1 8 2005 °C)	Art Unit	3736		
	E E	Examiner Name ·	Charles Alan Marmor II		
Sheet	TRANSMEN 2	Attorney Docket Number	23085-08025		

F	Cito	OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine,	T
Examiner Initials*	Cite No. ¹	journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T⁰
		the Effects of Chiropractic Manipulation on Gait Symmetry, Journal of	
HN		Manipulative and Physiological Therapeutics, Vol. 10, No. 4, August 1987, pp. 172-176.	
	C6	SADEGHI, H. et al., Functional Gait Asymmetry in Able-Bodied	
HN		Subjects, Human Movement Science, 16 (1997), pp. 243-258.	
	C7	JAIN, A. K., Fundamentals of Digital Image Processing, 1989 by	
HN		Prentice-Hall, Inc., Englewood Cliffs, U.S., pp. 377-381, 392-394	
-			1

Examiner Signature	Dhangel	Date Considered	11/16/05	
-----------------------	---------	--------------------	----------	--

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. Patent and Fragemenk Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO Complete if Known Application No. 10/613,116 INFORMATION DISCLOSURE Filing Dat July 3, 2003 STATEMENT BY APPLICANT First Nam d Inventor Ambarish Goswami **Art Unit** Not Yet Known **Examiner Name** Not Y et Known Sheet of 2 **Attorney Docket Number** 23085-08025

			U.S. PATENT	DOCUMENTS
		Document No.		
Exeminer Initials*	Cite No.	Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-		
		US-		·
		US-		

			FOREIGN PA	TENT DOCUMENTS	
		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code ³ – Number ⁴ Kind Code ⁶ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	π*
	 				
	ļ				
_	 				+

Examiner	Date	
Signature	Considered	

Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Petent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁸Applicant is to place a check mark here if English language Translation is attached.

23085/08025/DOCS/1379884.1

^{*}EXAMINER: Initial II reference considered, whether or not citation is in conformance with MPEP 809. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/PTO Application No. 10/613,116 INFORMATION DISCLOSURE Filing Dat July 3, 2003 STATEMENT BY APPLICANT First Named Inventor Ambarish Goswami Art Unit Not Yet Known **Examiner Name** Not Y et Known Attorney Docket Number 23085-08025 Sheet 2 of 2

		OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	,
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
HN	Α	SADEGHI, HEYDAR, ET AL., "Symmetry and Limb Dominance in Able-Bodied Gait: a Review", Gait & Posture, Sept., 2000, pp. 34-45, 12(1), Elsevier Science B.V.	
HW	В	GOSWAMI, AMBARISH, "Kinematic Quantification of Gait Symmetry Based on Bilateral Cyclograms", International Society of Biomechanics XIXth Congress: The Human Body in Motion, July 6-11, 2003, CD ROM: Abstracts and Proceedings, University of Otago, Dunedin, New Zealand	
HN	С	GOSWAMI, AMBARISH, "A New Gait Parameterization Technique by Means of Cyclogram Moments: Application to Human Slope Walking", Gait & Posture, August 1998, pp. 15-36, 8(1), Elsevier Science B.V.	
			
	ļ		
	<u> </u>		ļ

Examiner Signature	20 nguyen	Date Considered	11/16/05
-----------------------	-----------	--------------------	----------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.